

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

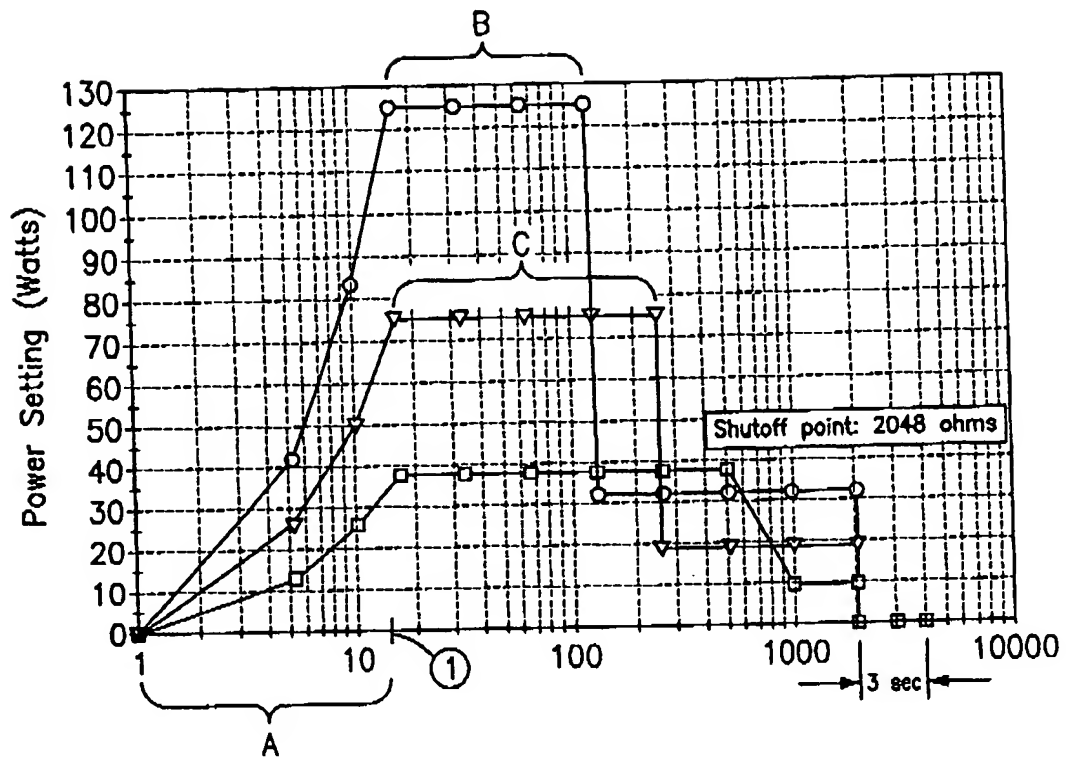
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

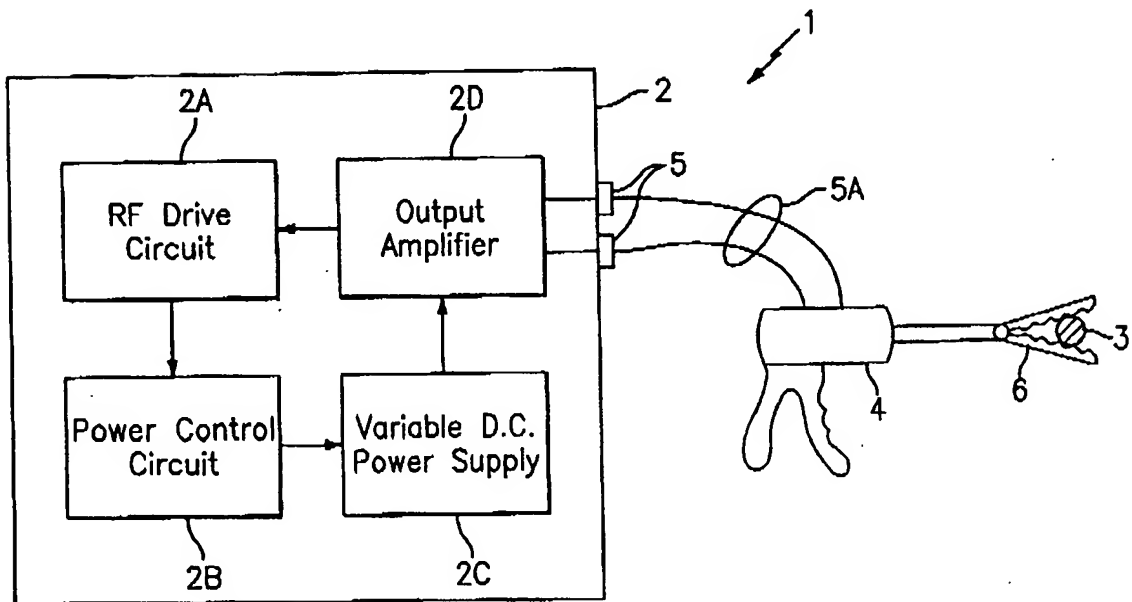
- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**



**FIG. 1A**  
(PRIOR ART)



**FIG. 2**

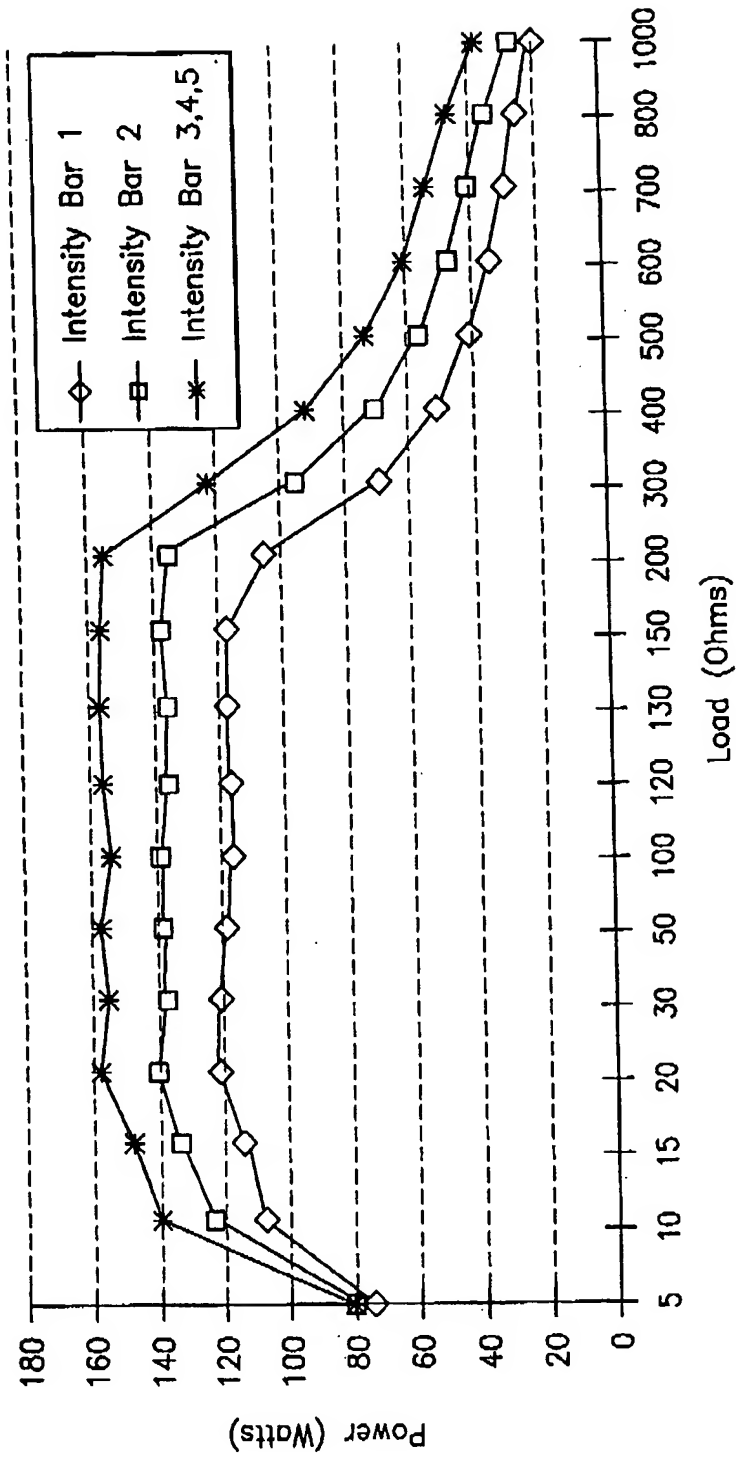
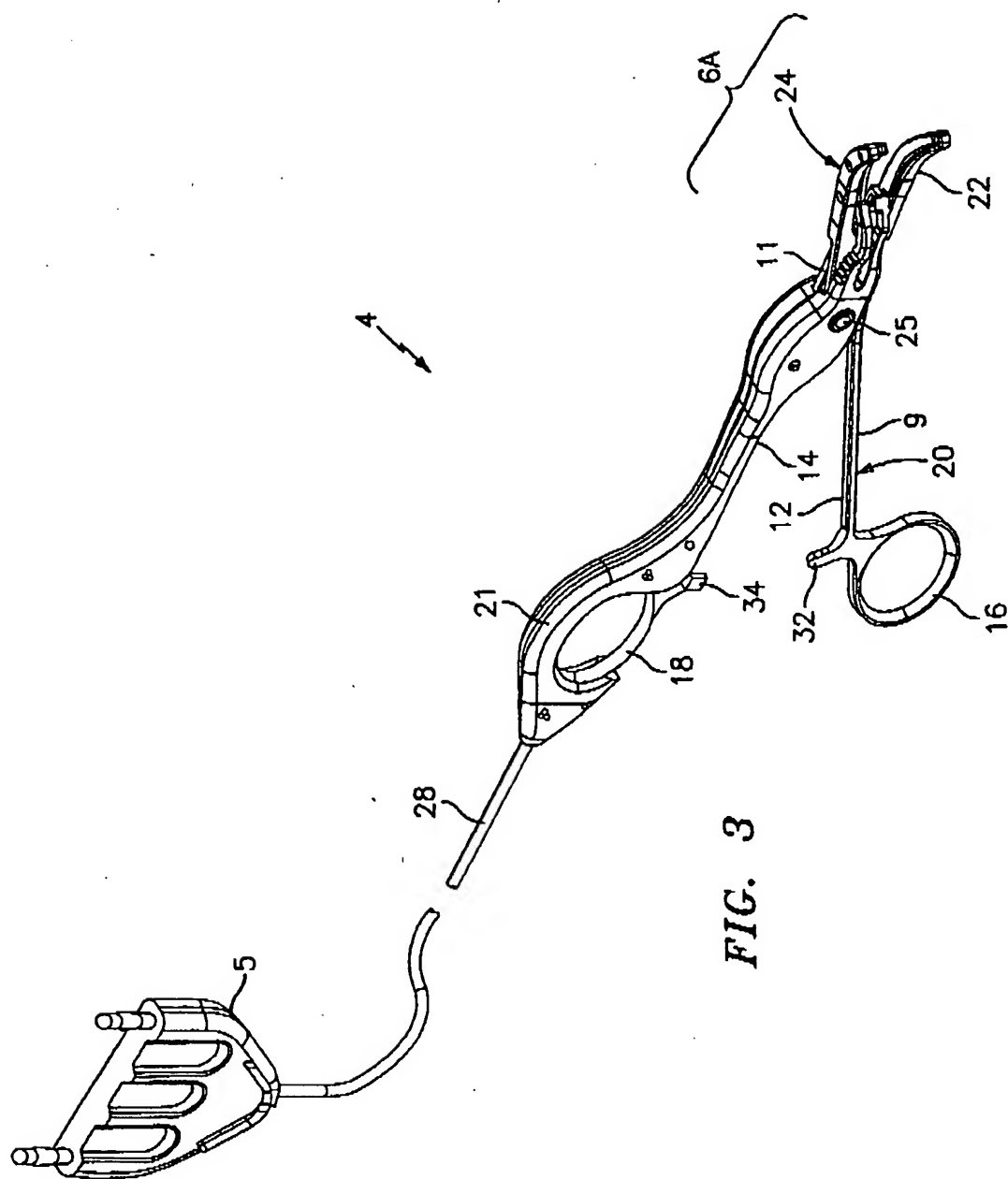


FIG. 1B



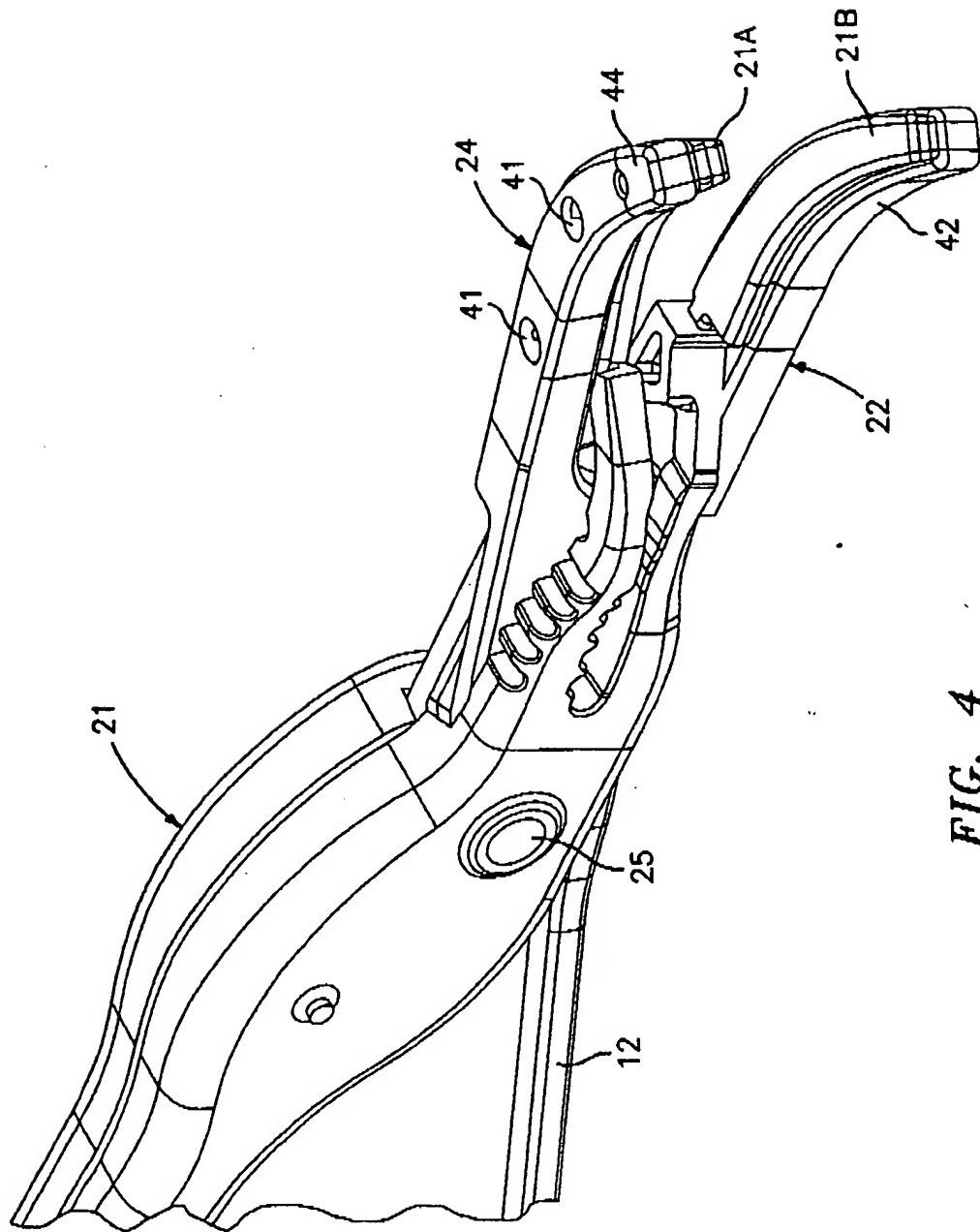
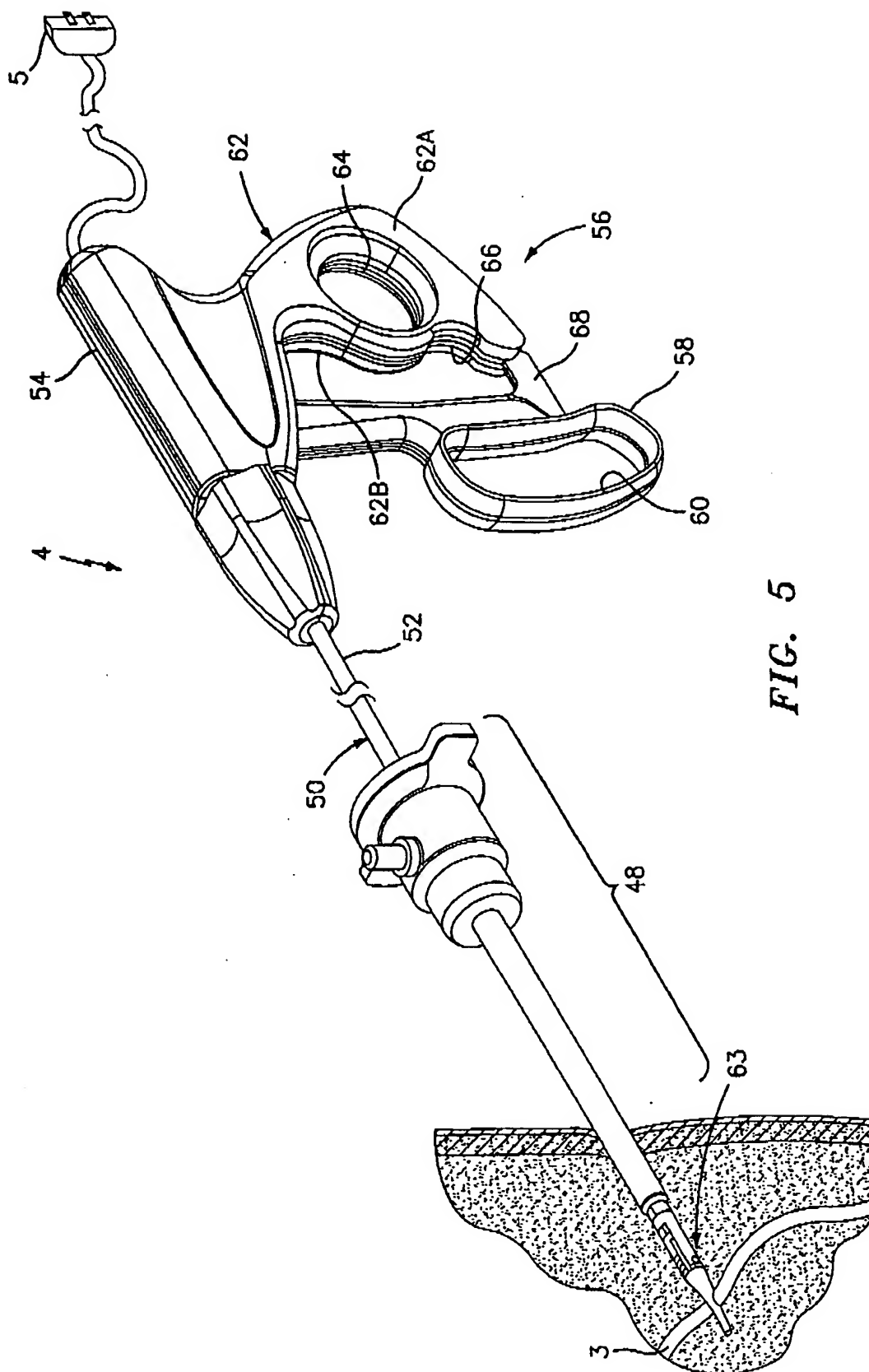


FIG. 4



**FIG. 5**

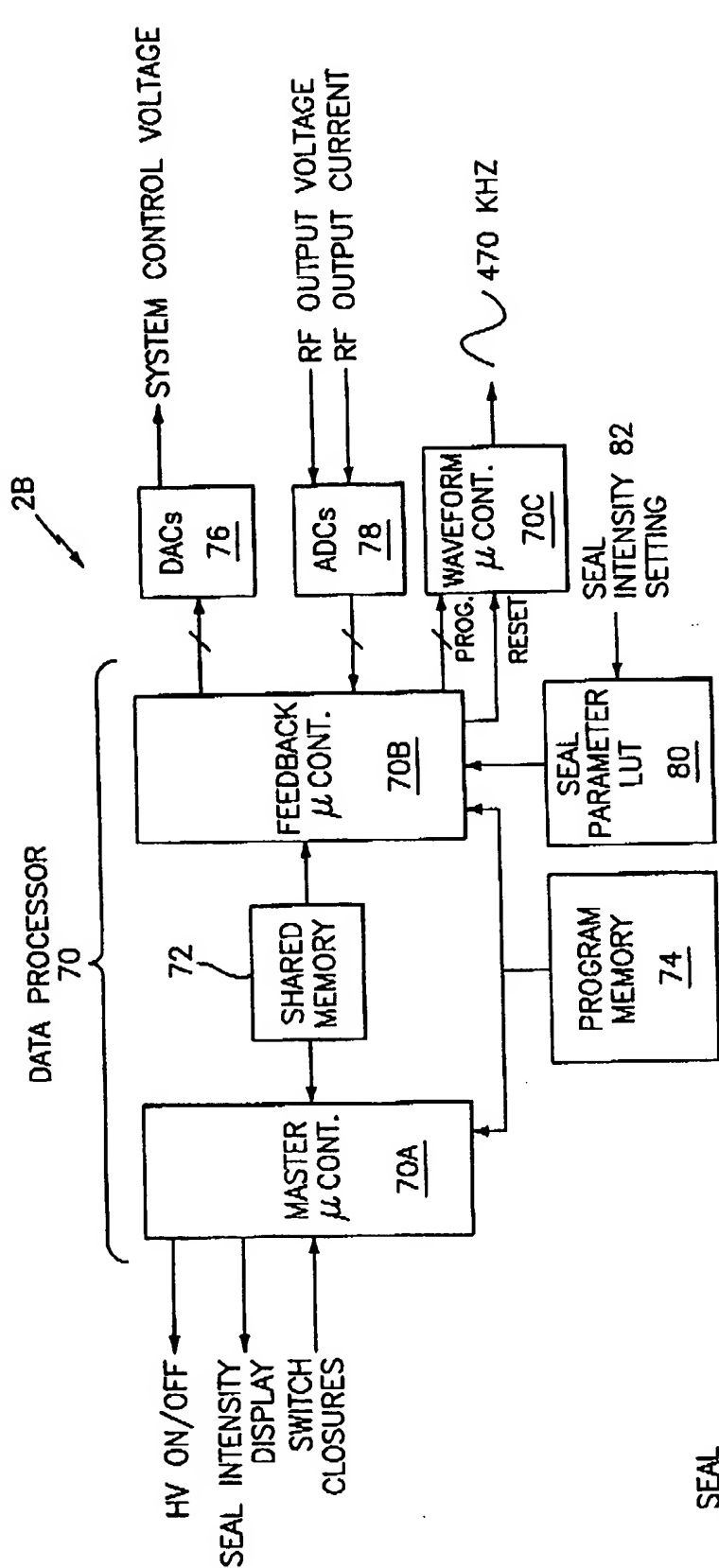


FIG. 6A

SEAL  
PARAMETER  
LUT 80

Impedance Range	Power	Max Voltage	Start Voltage	Min. Voltage	Voltage Decay	Voltage Ramp	Max RF On Time	Max Cool SF	Pulse Minimum	Dwell Time	Pulse Off	De ired Pulse
Low												
Med Low												
Med High												
High												

FIG. 6B

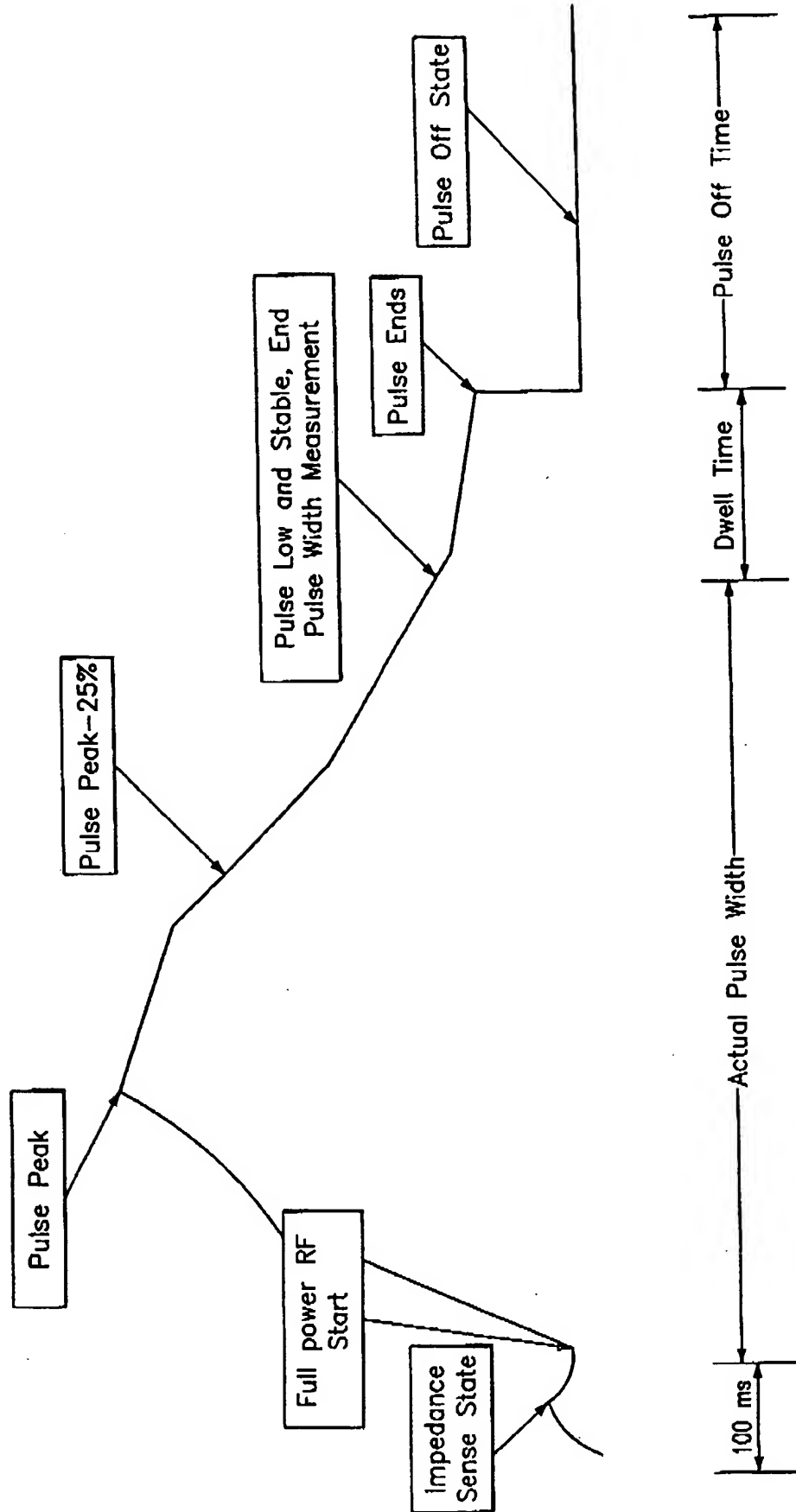


FIG. 7A

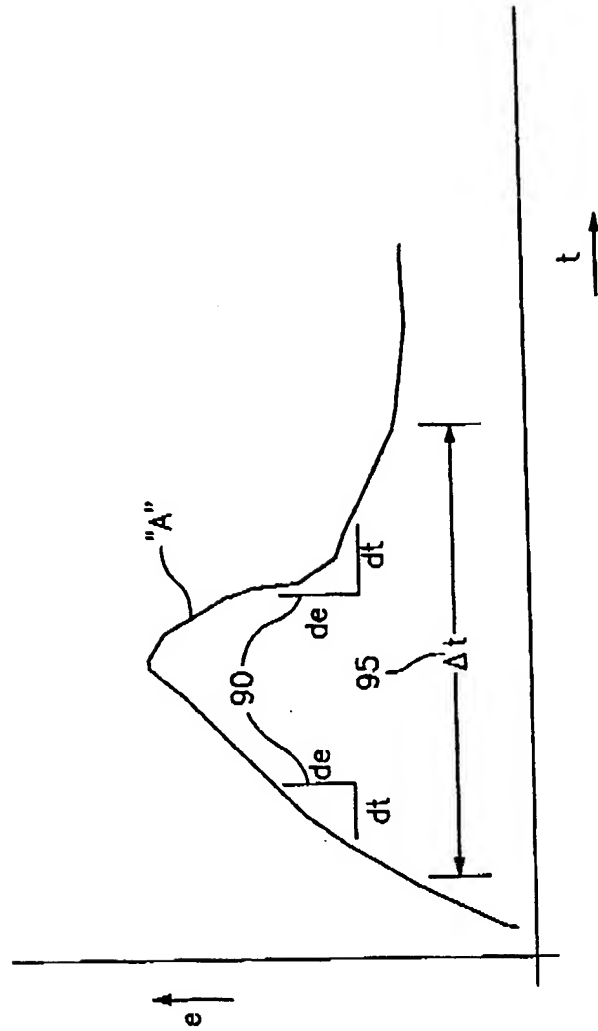


FIG. 7B

9/17

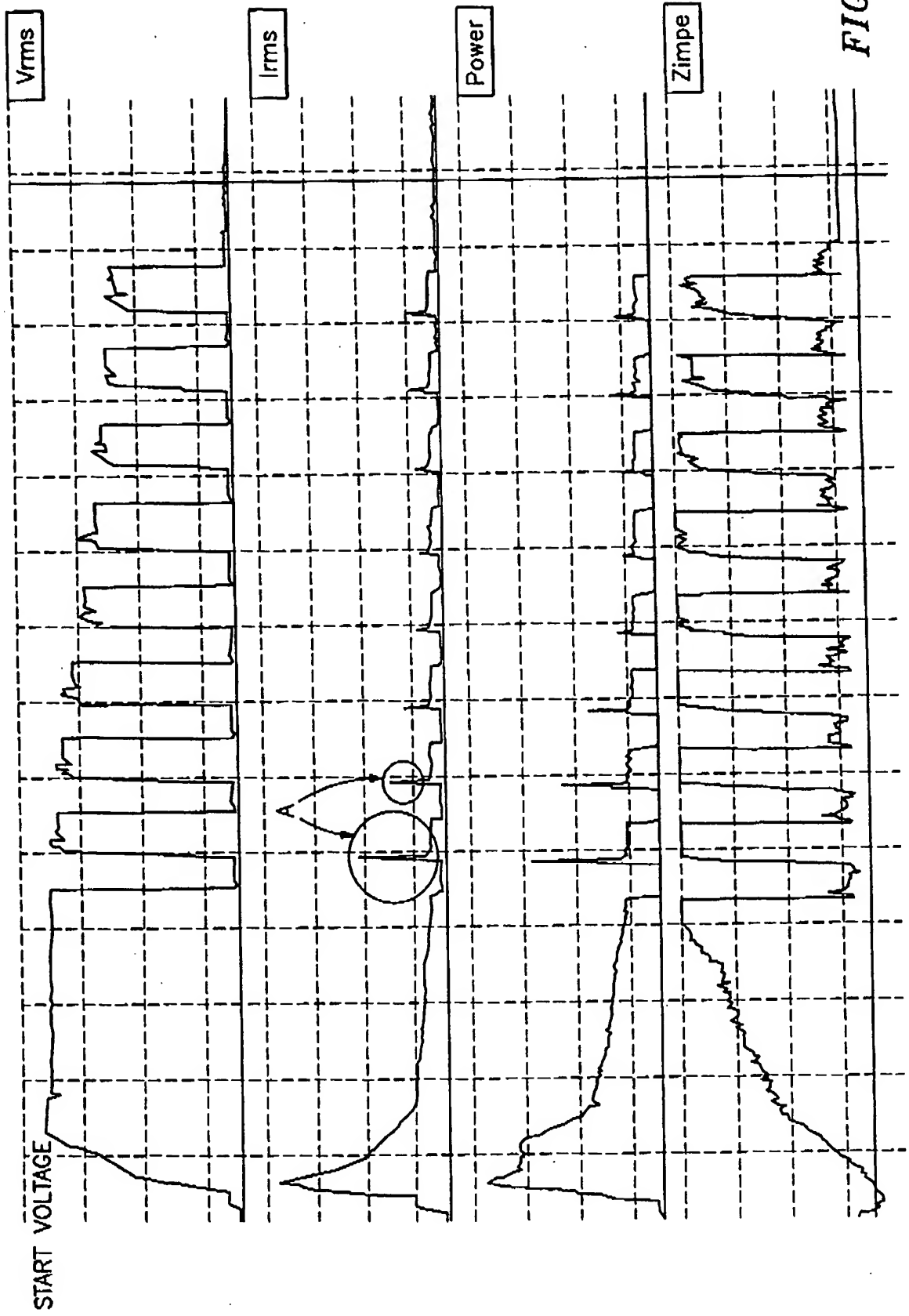
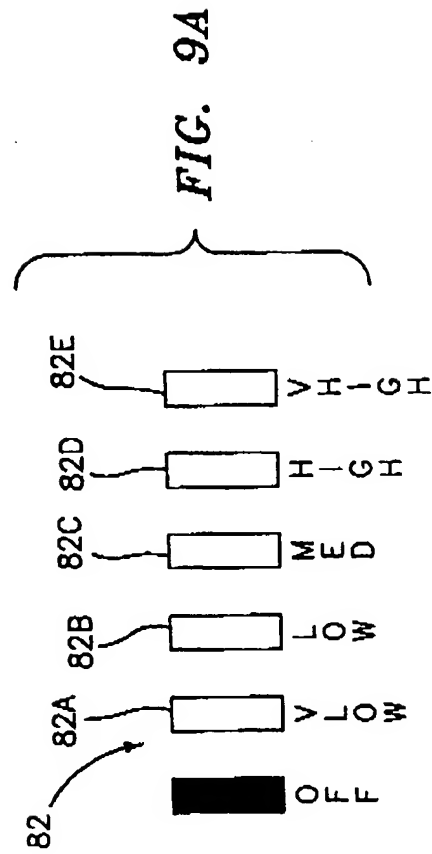


FIG. 8



Setting	Power	Start Voltage	Voltage Decay	Dwell Time
Off	N/A	N/A	N/A	N/A
Very Low	Reduce by 25%	Reduce by 25%	Increase by 12%	Reduce by 12.5%
Low	Reduce by 12%	Reduce by 12%	Increase by 6%	Reduce by 6.25%
Med	No Change	No Change	No Change	No Change
High	No Change	Increase by 12%	Reduce by 6%	Increase by 6.25%
Very High	No Change	Increase by 25%	Reduce by 12%	Increase by 12.5%

**FIG. 9B**

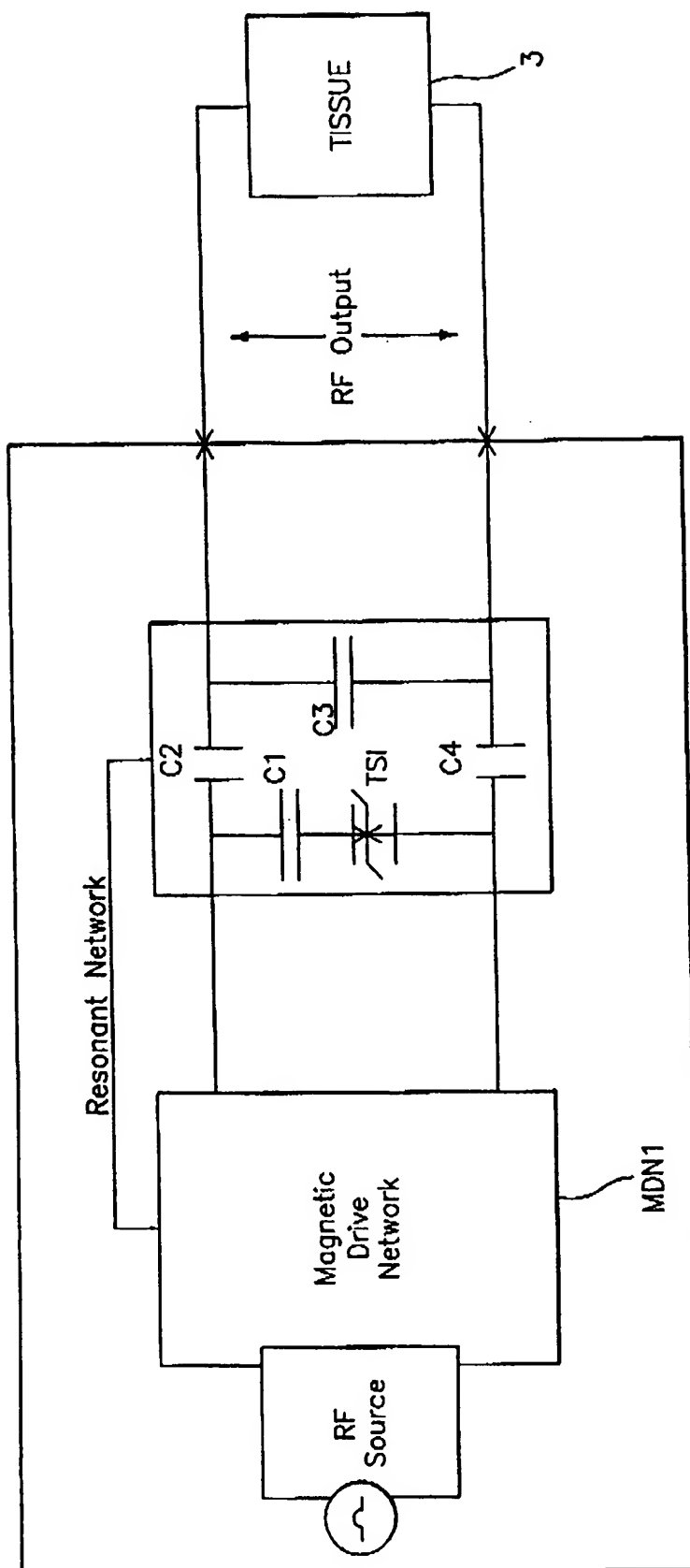


FIG. 10

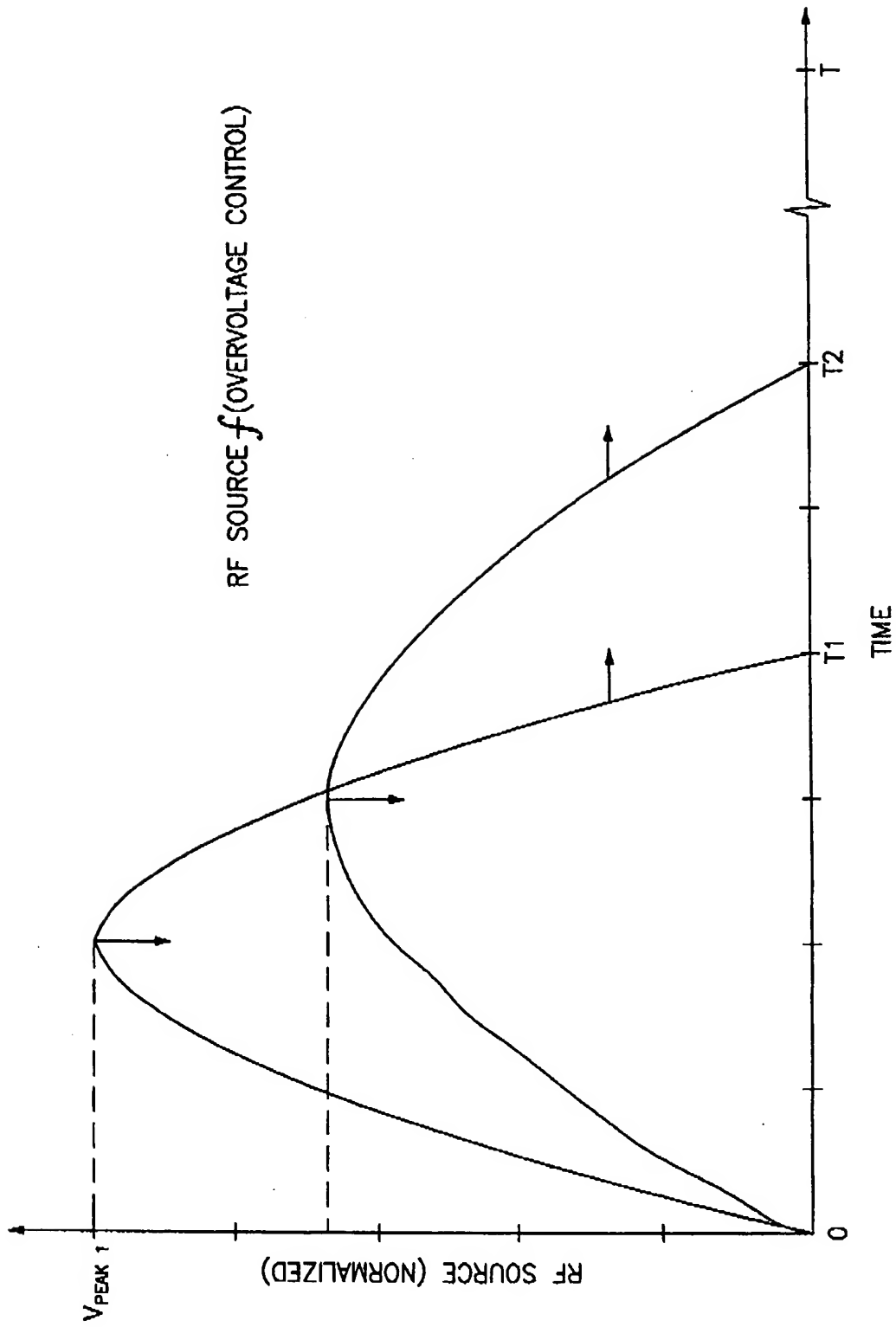
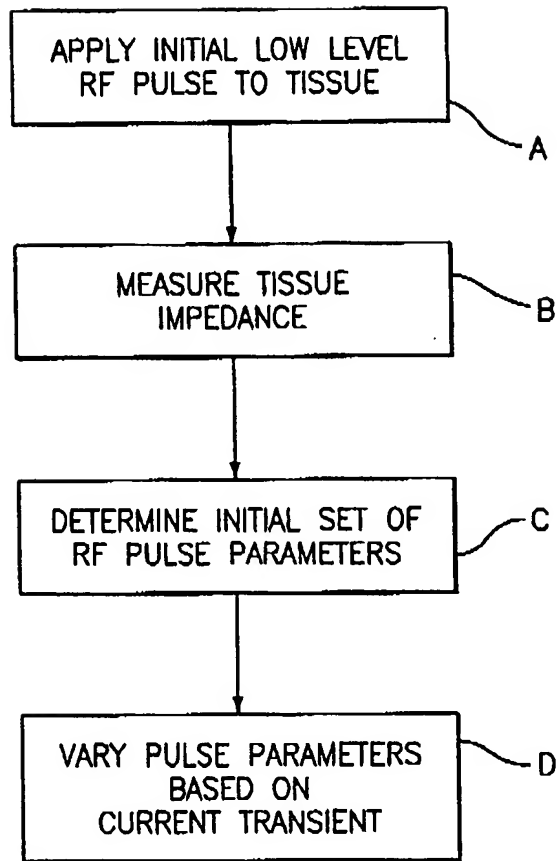


FIG. 11

*FIG. 12*

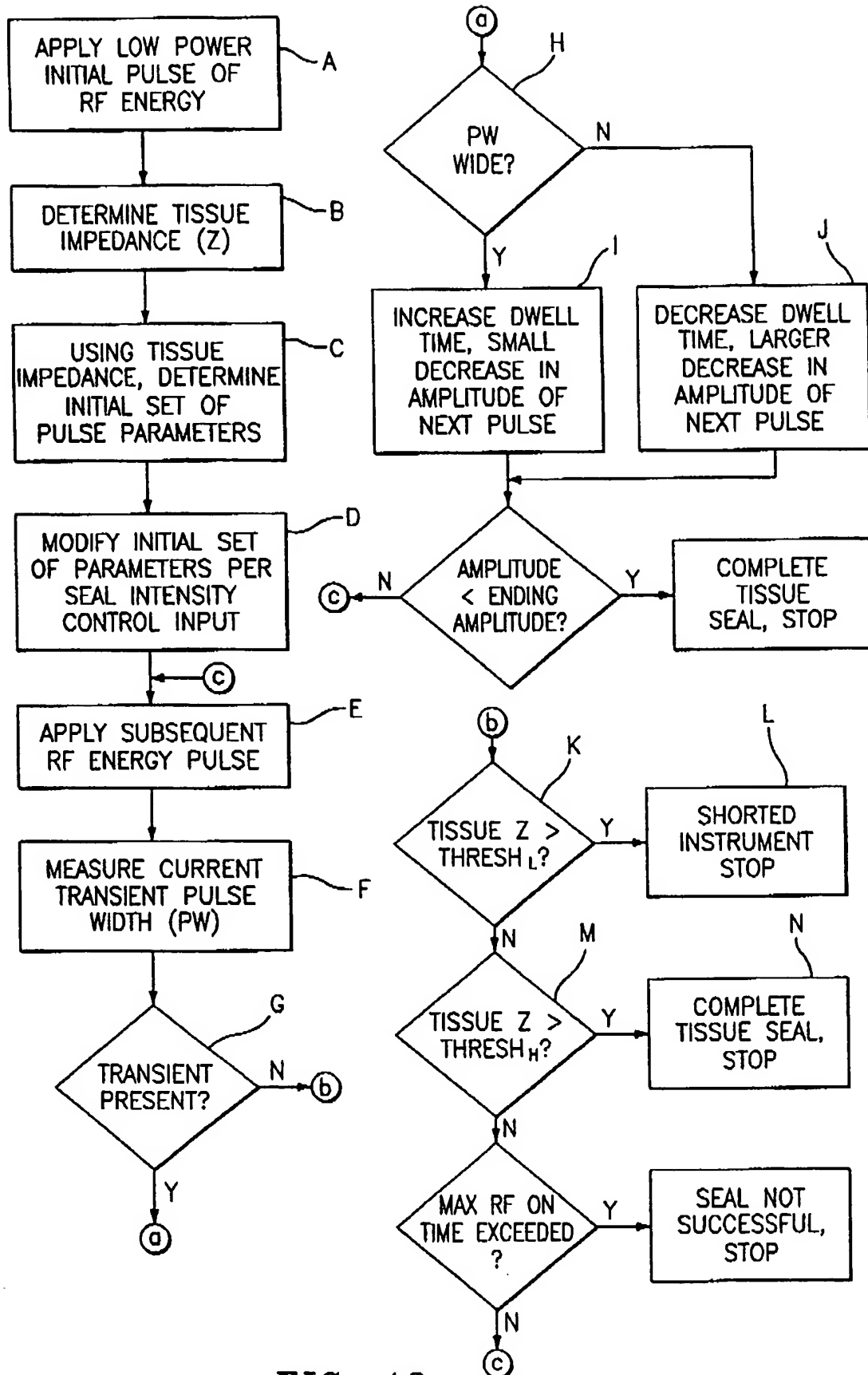
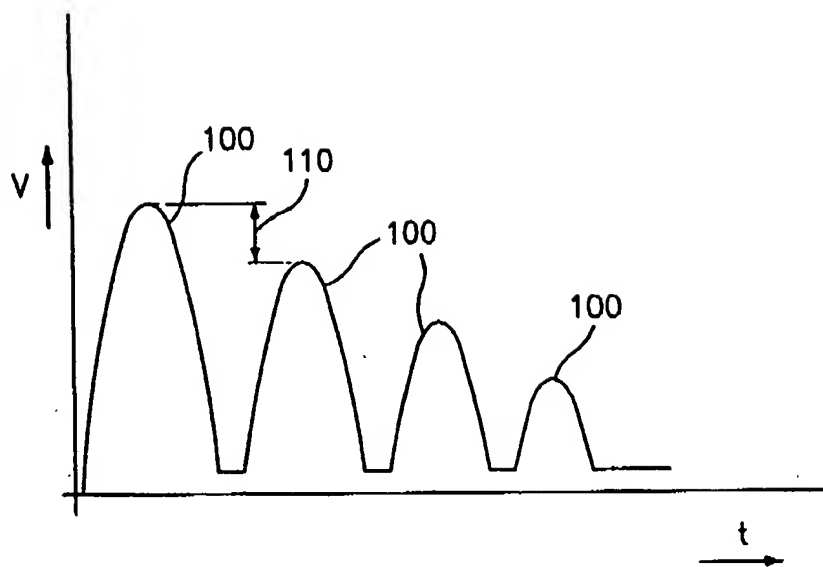
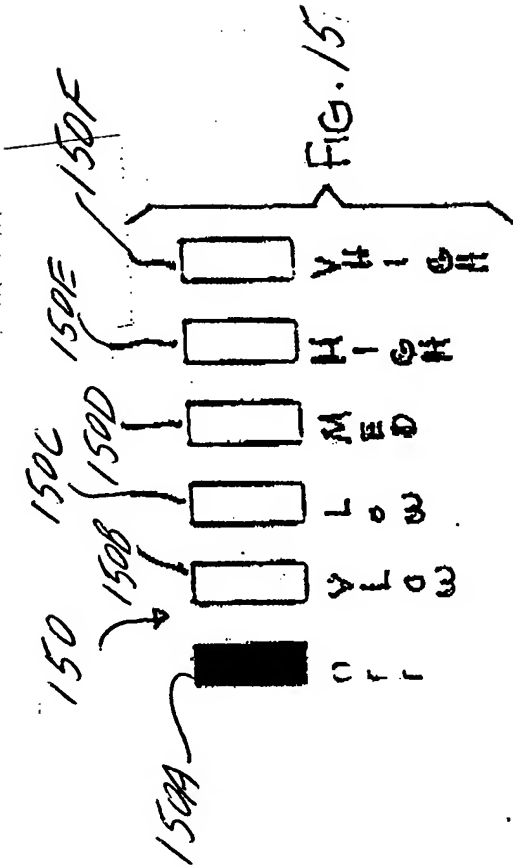


FIG. 13

**FIG. 14**



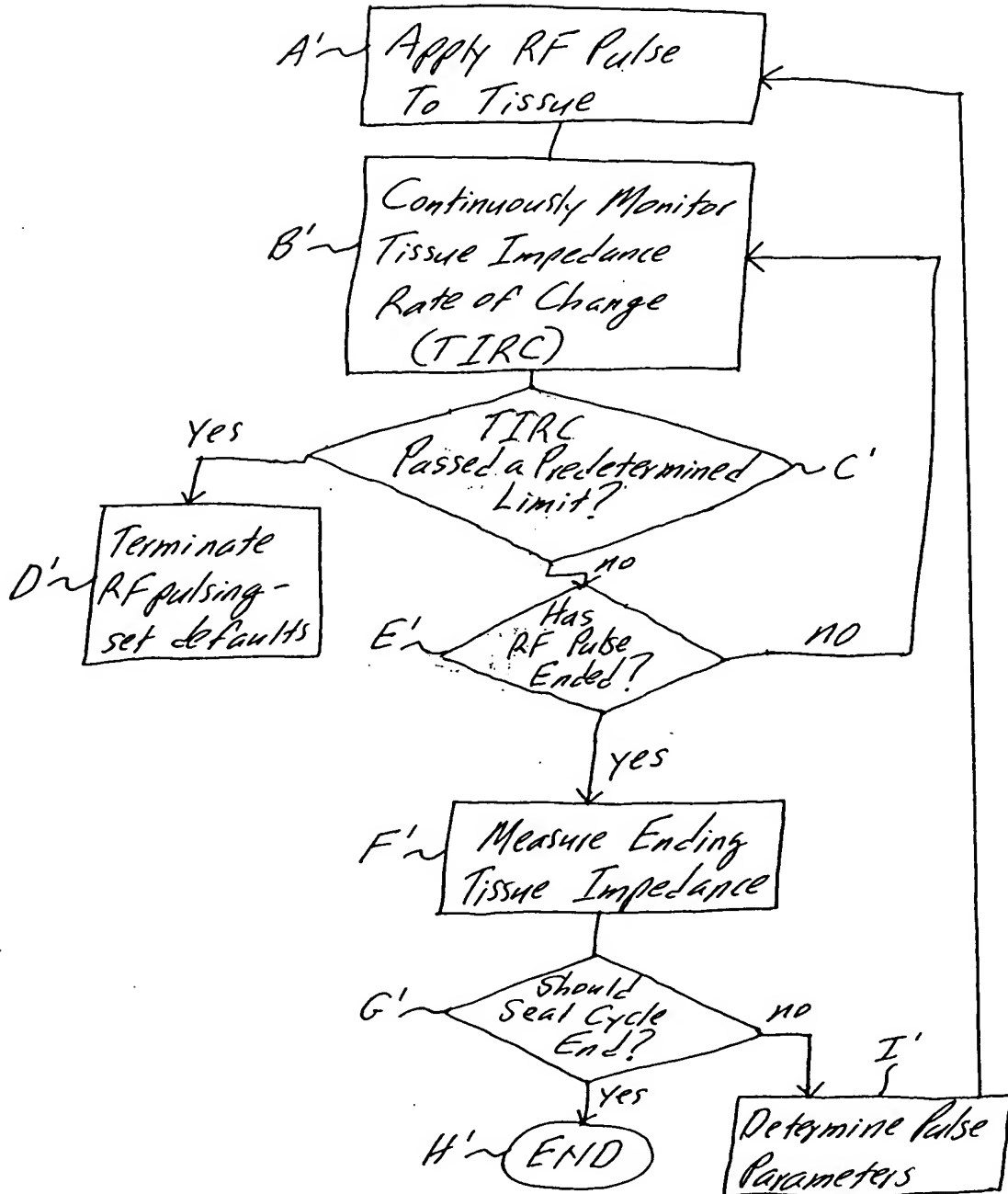


Fig. 16